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INFORMATION REPORT

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Hungary

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THIS IS UNEVALUATED INFORMATION

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1. Frederick Siemens, Hubert and Siegmund, Hungarian firms, are under contract to make filament alloys for Tungsten which supplies the age life filaments for those alloys. These alloys are of rare non-ferrous metals, tungsten, nickel, molybdenum etc.
2. Before and during World War II Siemens employed Dr. Lajos Gillemot as consultant. He is a professor of mechanical technology at the University of Budapest and also a member of the physical branch of the Hungarian Academy of Sciences. In addition, Dr. Gillemot is leader of a large Budapest metal research center. All research work and testing was done at the research center before the laboratory facilities at Siemens, Hubert and Siegmund were inadequate.
3. The Czechs and Hungarians have made attempts to substitute aluminum for copper. At present the Hungarians are able to use aluminum coils in motors although they have not done so as yet. Substitution research in Hungary is carried on by the Research Institute for Electricity (Villamos Kutató Intézet) in Buda near the Ganz factory which has been doing experimental work on substitution of aluminum for copper.
4. Substitution research was begun during World War II upon orders and instructions from the Germans. The institute, however, was formed after the Communist coup in 1948. [redacted] a man named Ferenc Rathoszy issued the order from Moscow and the Planning Board in turn supplied the necessary funds to erect this institute.

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